TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-09-09-01**	**Date: 11-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14	
Agency	:	Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar, Bangalore.	
Customer Reference	:	BBMP/EE/DD/WO/36/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	09-09-17	
Sample ID No	:	2017-09-09-01/01	
Type of Mix	:	BC-Plant (Bituminous Concrete)	
Date of test	:	09-09-17	
Oven Dry Weight	:	5000	Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	82	82	1.6	98.4	90-100
9.5	752	834	16.7	83.3	70-88
4.75	938	1772	35.4	64.6	53-71
2.36	632	2404	48.1	51.9	42-58
1.18	519	2923	58.5	41.5	34-48
0.6	523	3446	68.9	31.1	26-38
0.3	532	3978	79.6	20.4	18-28
0.15	263	4241	84.8	15.2	12-20
0.075	363	4604	92.1	7.9	4-10
PAN	396	5000	100	0.0	0

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

CIVIL PRO Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

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TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID	:	**CP-RW-2017-09-09-01**	**Date: 13-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14	
Agency	:	Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar, Bangalore.	
Customer Reference	:	BBMP/EE/DD/WO/36/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	09-09-17	
Sample ID No	:	2017-09-09-01/01	
Type of Mix	:	BC(Bitumenous Concrete)	
Date of test	:	09-09-17	

Type of Binder	:	60/70
% of Binder Used	:	5.0%
Weight of Aggregate	:	200.0 gm
Weight of Binder	:	10.0 gm
Temperature of water bath	:	40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-8
1	98.0	2.0	98.5	Minimum Retained Coating 95%
2	98.5	1.5		
3	99.0	1.0		

Note:
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Prepared by
Harshitha

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CIVIL PRO Sig..... Date..... BANGALORE

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Quality Manager

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TESTS RESULTS ON STABILITY OF MIX

Lab ID	:	**CP-RW-2017-09-09-01** **Date: 13-09-17**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to roads and drains 11th B and 12th Cross roads at Vishweshwaraiah layout in Ward no.14
Agency	:	Technical Manager(West), KRIDL, Project Implementation Unit, No.280, 59th Cross 17th C main road 3rd Y Block, Rajajinagar, Bangalore.
Customer Reference	:	BBMP/EE/DD/WO/36/2017-18
Source of Sample	:	Hot Mix Plant, Bangalore
Sample Condition	:	Satisfactory
Date of Receipt	:	09-09-17
Sample ID No	:	2017-09-09-01/01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	09-09-17

The results of the tests conducted on the Bituminous Concrete mix sample are as follow

Sl.No	Particulars of observations	TEST 1	TEST 2	Secified limits as per MORTH specification table 500-11
1	Marshal Stability at 60°C, KN	11.15	11.09	10KN(min)
2	Marshal flow at 60°C, mm	3.55	3.63	2-4
3	Percent air Voids	4.83	4.71	3-5
4	Percent Voids in mineral Aggregate(VMA %)	14.29	14.14	13-15
5	Percent Voids filled with Bitumen(VFB %)	71.88	70.66	65-75
6	Density, g/cc	2.28	2.26	--

Note:-
The results pertain to the samples received and tested.
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Prepared By:
Harshitha

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